MI Division

NMCI Legacy Applications Transition

Legacy Applications: Definitions

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NMCI Transition

- NMCI Transition As An Impetus To:
  - Centralize Management Of Applications,
  - Develop And Enforce Application Life Cycle Management
  - Establish Capital planning For Applications To Ensure Fiscal Responsibility
  - Improve Security
  - Improve Standardization
  - Reduce Duplication/redundancy
  - Reduce Software Support And Maintenance Cost

Legacy Applications

- "One Of The Most Challenging Efforts Associated With NMCI"
- Rationalize Applications
  - Identification, Consolidation, And Elimination
  - LAs That Are Not Intended To Be Accessed By The NMCI Client, Or Are Incongruent With NMCI Security And Architectural Standards Should Be Candidates For Elimination

Definitions

Application: ①

1) Automated software program that collects, stores, processes and/or reports information in support of a specific user requirement.
2) Any software program that runs in a server based or standalone environment that is used in a production capacity.

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① *NMCI PMO Legacy Applications Transition Guide*

Definitions, cont'

Legacy Application:

- An existing customer software application that is not included in the NMCI standard seat services or the CLIN 0023 catalog.①

Rationalization:

- The process of identifying only those desktop and server based applications, both COTS and GOTS, require to support command on DON missions and goals. It includes the integration, consolidation, and elimination of applications and databases in order to improve standardization, enhance security, reduce duplication and minimize support costs.②

① ② *NMCI PMO Legacy Applications Transition Guide*

Included in the NMCI Contract

- NMCI Contract Basically Outsources Client-server IT Capabilities Resident in USMC
- Plan Is to Rent Fully Functional "Seats," With Risk of Ownership Transferred to Contractor

NMCI USMC "Gold Disk"

- Win2K Standard Operating System
- MS Office 2K SR-1 Pro
- VPN Not Yet Developed

Services	Software Description	Software Vendor
Operating System	MS Windows 2000 Build 2195 SP1	Microsoft
Office Suite	MS Office Pro 2000 SR-1a	Microsoft
Email Client	MS Outlook 2000	Microsoft
Internet Browser	MS Internet Explorer 5.5 SP-1 128bit	Microsoft
PDF Viewer	Acrobat Reader v.4.05c	Adobe
Terminal Emulator - Host (TN3270, VT100, X-Terminal)	Reflection 8.0.5	WRQ
Compression Tool	WinZip v.8	WinZip
Collaboration Tool	Net Meeting v3.01 (4.4.3385)	Microsoft
MultiMedia	RealPlayer 8 (6.0.9.450)	RealNetworks
MultiMedia	Windows Media Player v7.0.0.1956	Microsoft
Internet Browser	Communicator 4.76	Netscape
Plug-ins		
Web Controls	Macromedia Shockwave v 8.0	Macromedia
Web Controls	Flash Player 5.0d	Macromedia
Web Controls	Apple QuickTime Movie and Audio Viewer v4.12	Apple
Web Controls	IPIX v6, 2,0,5	Internet Pictures
Security Apps		
Agents		
Software Management	Radia Client Connect	Novadigm
SmartCard Services	Services enabled, but dependent upon device used	Raytheon
Remote Connectivity		
Dial-up connectivity	Currently Unknown	MCI/WorldCom
VPN	Currently Unknown	Alcatel

NMCI CLIN 0023

- "Optional User Capabilities providing COTS software or hardware peripherals associated with data, voice, and video seats, to support requirements beyond the basic services for specialized tasks."
- Hardware:
  - Additional memory, 21" monitors, ZIP drives, CD-RW, External Speakers
  - Laptops, DVD players, docking stations
- Peripherals:
  - Cell phone accessories, PEDs, fax machines, copiers, scanners, charging adapters & batteries

...And That's It

Applications Not Included Will Not Automatically Be Migrated. Users Will Risk:

- Loss of Mission Capability
  - Application Won't Be Available
- Additional Financial Burden
  - No "Grand fathering" for Late Notification
  - Additional Fees Incurred to Certify Post-NMCI
- Operational Impacts
  - Delay in C&A Process If Not Scheduled

Rationalization Objectives

- Certify Legacy Applications (LA)
  - Pre-certify Legacy Applications
    - Windows 2000 Operating Environment
    - DITSCAP Security Certification and Accreditation
  - Coordinate Application NMCI Certification With ISF
- Streamline Legacy Applications Inventory
  - Near Term:
    - Inventory Applications by Functional Area
    - Eliminate Obsolete, Non-standard, Non-secure Applications
  - Long Range:
    - Consolidate Applications
    - Develop Migration Plans for Remaining Applications
    - Migrate Remaining Applications

Transition Strategy

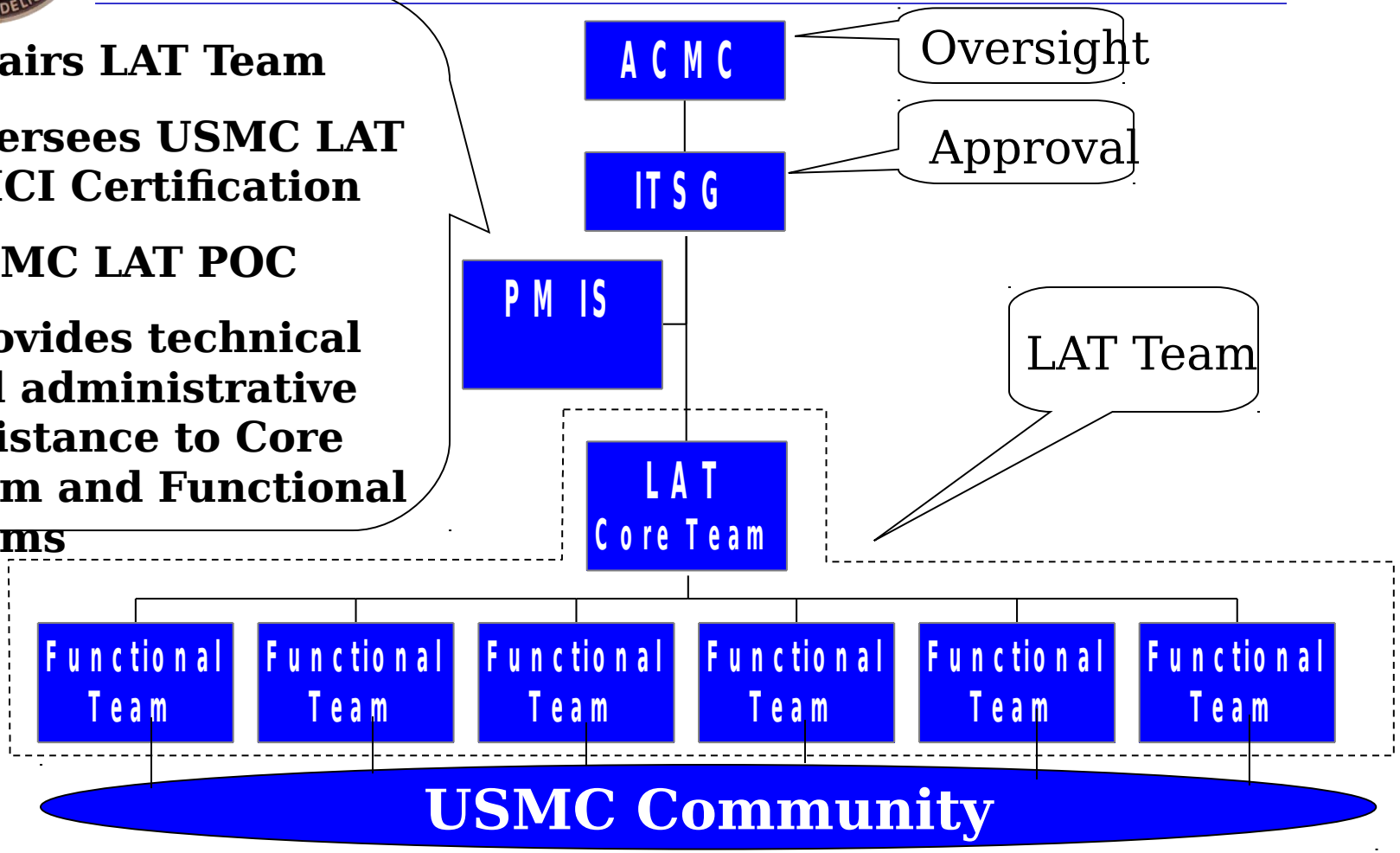
- Inventory and Catalog Applications
  - Catalog Applications by Functional Area
  - Collect Mandatory Data (ISF)
  - Include Estimated Annual Budget ($/Year) “As Is ROM”
  - Include High Level Identification and Numbers of Users Per LA
- Conduct Rationalization Analysis
  - Use Criteria Supporting Goals and Objectives
  - Prioritize Applications for Certification
  - Pre-certify Applications

Transition Strategy (cont')

- Coordinate NMCI Testing and Certification With ISF
- Recommend and Approve LA Portfolio
  - Core Team Develops Recommended Portfolio
  - ITSG Approves
- Follow On
  - Issue Policy Establishing Enterprise LA Portfolio Management Process
  - Establish LA Portfolio Control and Maintenance Structure
  - Continue LA Consolidation and Migration

Legacy Applications Transition (LAT) Team

- **Chairs LAT Team**
- **Oversees USMC LAT NMCI Certification**
- **USMC LAT POC**
- **Provides technical and administrative assistance to Core Team and Functional Teams**



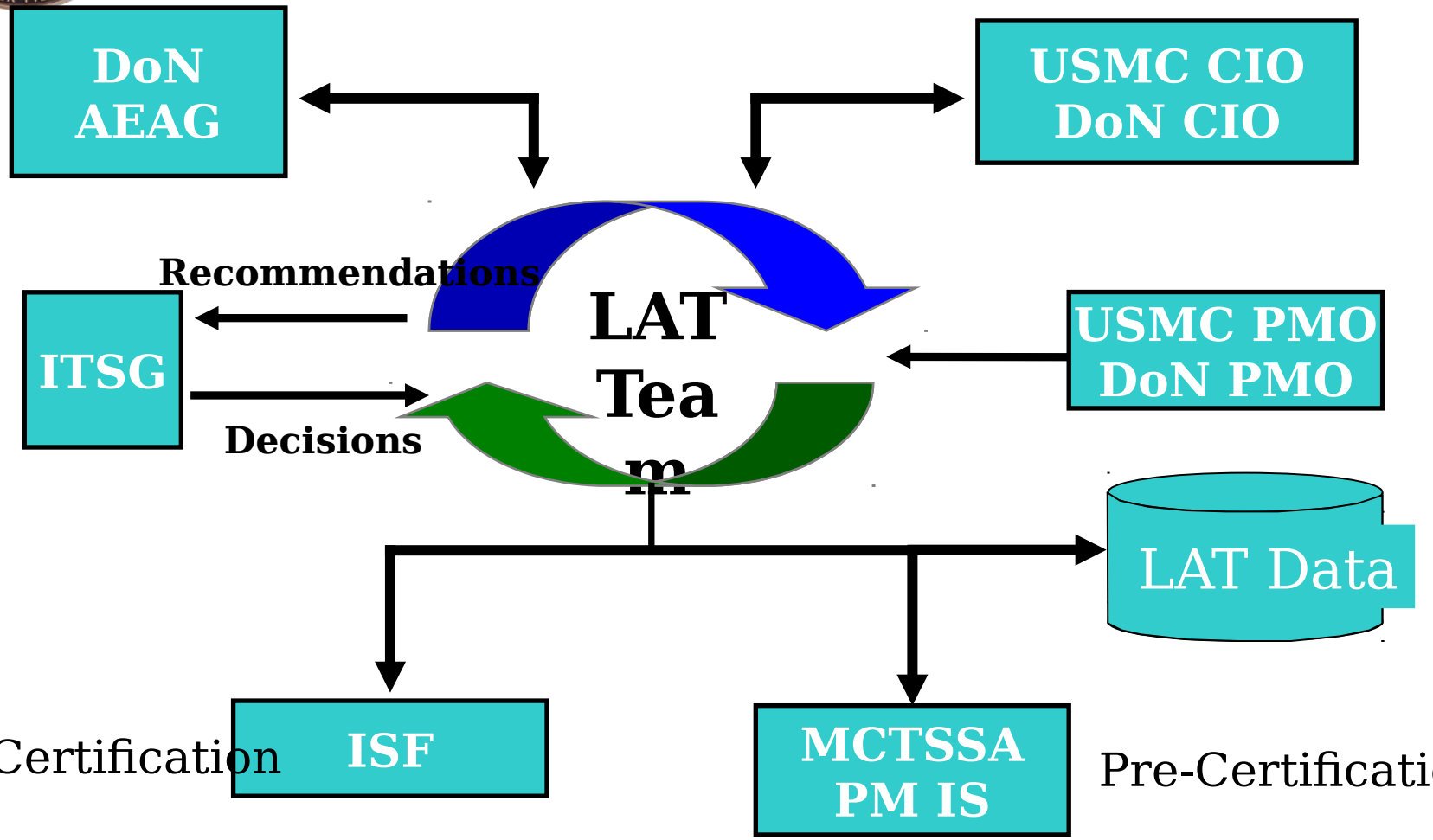
LAT Core Team

- Mirrors ITSG Membership
- Facilitates Coordination Between Functional Teams
- Identifies and Provides LAT Tools and Framework
- Issues LA Transition Guidance/procedures
- Develops Recommendations on Final LA Portfolio
- Members Advise Legacy Applications Within Their Sponsored Functional Area

LAT Functional Team

- Chaired by Functional Sponsor/process Owner
- Membership Composed of USMC Operators and Maintainers
- Coordinates LAT Within Supported Functional Area
- Executes LAT Data Collection, Analysis and Planning Per Core Team Guidance
- Develops Recommendations on Functional Area LA Portfolio

LAT Coordination



LEGACY APPLICATIONS TRANSITION (LAT) MANAGEMENT PLAN

27 Jul 2001
ver. 2.3

Information Technology Steering Group (ITSG)

Legacy Applications Transition (LAT) Core Team

MCEN ENVIRONMENT

Administration

LAT Team Charter

LAT Functional Teams

- M&RA
- Aviation
- I&L
- PP&O
- P&R
- AR
- Public Affairs
- C4
- Intel
- TECOM
- MCRC
- MCCDC
- MATCOM
- MCSC

Cross Functional

- MARFORLANT
- MARFORPAC
- MARFORRES

Establish Roles and Responsibilities

Develop Enforcement Procedures

Diagnosis/Eval/DAA Approval

System/App Eval Process

- Id Systems
- Rationalization (Level 1 & 2)
- DITSCAP SSAA or SSAA type document
- Firewall compliance
- Windows 2000 compliance

- SysCom
  - PMIS
  - PM NMCI
  - Info Sec APM
  - SRAC members
- MITNOC
  - SSAA

MITNOC

- Security evaluation
- Boundary placement determination
- Firewall risk analysis

CENTRAL REPOSITORY APPLICATION INFORMATION

DAA Approval

Yes

No

Application Assessment

Develop Comprehensive Life Cycle Plan

EDS

NMCI TESTING

NMCI CERTIFICATION

NMCI ENVIRONMENT

Information/Education

Website: Instructions/Templates/Examples

Communications Plan

- USMC NMCI Road Shows
- USMC Sponsored Forums
- USMC NMCI Web Page
- MARCORSYSCOM Collaborative Intranet tools
- Participation of USMC community in LAT Functional Teams
- DoN Quarterly Legacy Applications Conference

What's Next?

• Approval of LAT Team Charter ✔	15 Jun 01
• Establish LAT Core Team ✔	15 Jun 01
• Provide Core Team Training ✔	19-21 Jun 01
• Identify Data Collection Tool ✔	26 Jun 01
• Establish LAT Functional Teams ✔	22 Jun 01
• Provide Functional Team Training ✔	26-28 Jun 01
• Issue Data Call ✔	2 Jul 01
• Collect Data Via Automated Tool	3-31 Jul 01
• Identify LAT Funding Req to P&R	24 Jul 01
• Conduct Pre-certification Activities	Jul-Nov 01
• Coordinate NMCI Certification	Jul-Nov 01

Critical Factors For Success

Success Requires . . .

- Senior Level Leadership Commitment and Active Support
- Enterprise Wide View by Decision Makers Vice Focus on Isolated Functional Areas
- Significant Participation Throughout the USMC Community
- Establishment of NMCI Certification As an Effective Tool for USMC Application Control

HQMC C4 NMCI Roles and Responsibilities:

- Develop Marine Corps NMCI policy
  - Under the Guidance of the Marine Corps CIO
  - For Marine Corps CIO Approval
- Disseminate and Implement Policy
  - For the Marine Corps COI Within the NMCI
- Work With MCSC to Draft NMCI Program Mgmt Policy
  - Assist in NMCI Program Management
- Oversight of MITNOC and Computer Network Defense
  - MITNOC Reports Directly to HQMC C4
- Co-chair the NMCI Stakeholders' Council

MITNOC NMCI Roles and Responsibilities:

- Responsible for Marine Corps NMCI Network Ops
- Implement Policy Formulated by HQMC C4
- Primary Interface With the NMCI Contractor For:
  - Day-to-day Operations, Network Performance, and Tech Issues
- Coordinate Enterprise Efforts With CTF NMCI
- Responsibility for Supporting Deployed Operating Forces
- Coordinate With and Take Direction From COMMARFOR-CND
- Primary Marine Corps Interface With the DISA GOSC
- Determine Appropriate Metrics With MCSC PM-NMCI

Summary

- NMCI Forces Cultural Change
  - No More “One Off” or “Homegrown” Applications
  - Enterprise Software Centrally Managed